

In the Claims:

1. A hard drive device, comprising:

a rotatable medium having a plurality of data zones, the rotatable medium capable of storing information written to any of the plurality of data zones;

a write element capable of writing information to any of the data zones of the rotatable medium;

an actuator coupled to the write element, the actuator adapted to move in a radial direction over the rotatable medium to allow the write element to write information to the rotatable medium;

a control mechanism adapted to control the rotatable medium and the position of the actuator; and

a critical data reallocation circuitry configured to identify a plurality of critical sectors containing critical data, identify the order in which the critical data may be requested, and initiate reallocation of the critical sectors into sequential order on the rotatable medium, the sequential order corresponding to the order the critical data may be requested.

2. The hard drive device of claim 1, wherein the critical data reallocation circuitry is a processor.

3. The hard drive device of claim 1 wherein the critical sectors are reallocated into sequential order on sectors of the rotatable medium having a smaller than the typically accepted RRO.

4. The hard drive device of claim 3 wherein the smaller than usual RRO is achieved using WOF.

5. The hard drive device of claim 1 wherein the critical sectors are reallocated into sequential order on sectors residing on every other track of the rotatable medium.

6. The hard drive device of claim 1 wherein the critical sectors are reallocated into sequential order on sectors of the rotatable medium having an extended inter-sector distance between them.

7. The hard drive device of claim 1 wherein the critical sectors are reallocated into sequential order on sectors of the rotatable medium having an extended inter-sector distance between them.

8. The hard drive device of claim 1 wherein the critical sectors are reallocated into sequential orders on sectors of the rotatable medium, the reallocation implemented at a writing speed that is slower than optimal.

9. The hard drive device of claim 8 wherein said critical data reallocation circuitry is configured to identify the order in which the critical data may be requested by recording the order in which the critical data was requested in the past.